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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 28	CA/CAplus patent coverage enhanced
NEWS 3	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5	JUL 28	STN Viewer performance improved
NEWS 6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 9	AUG 15	CAplus currency for Korean patents enhanced
NEWS 10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 12	SEP 25	CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 14	SEP 29	IFICLS enhanced with new super search field
NEWS 15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS 16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS 17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS 18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS 19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS 20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS 21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:05:24 ON 25 OCT 2008

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 19:05:35 ON 25 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 OCT 2008 HIGHEST RN 1065816-63-8
DICTIONARY FILE UPDATES: 24 OCT 2008 HIGHEST RN 1065816-63-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

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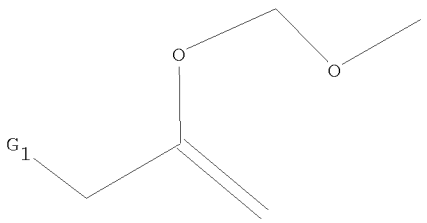
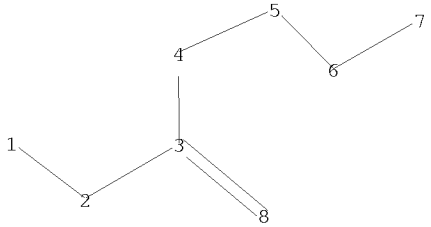




chain nodes :
1 2 3 4 5 6 7 8
chain bonds :
1-2 2-3 3-4 3-8 4-5 5-6 6-7
exact/norm bonds :
1-2 3-4 4-5 5-6 6-7
exact bonds :
2-3 3-8

G1:Br,F,I

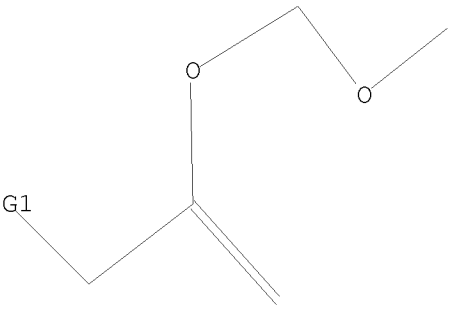
Hydrogen count :
2:= exact 2 5:= exact 2 8:= exact 2
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d
L2 HAS NO ANSWERS
L1 STR



G1

G1 Br,F,I

Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> s l2
SAMPLE SEARCH INITIATED 19:05:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 330 TO ITERATE

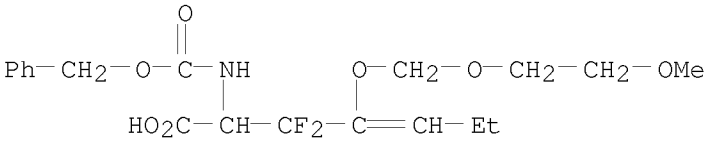
100.0% PROCESSED 330 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5511 TO 7689
PROJECTED ANSWERS: 4 TO 200

L3 4 SEA SSS SAM L1

=> d scan

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 6,8,11-Trioxa-2-azadodecanoic acid, 3-carboxy-4,4-difluoro-5-propylidene-, 1-(phenylmethyl) ester
MF C19 H25 F2 N O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.38	1.59

FILE 'STNGUIDE' ENTERED AT 19:07:40 ON 25 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 24, 2008 (20081024/UP).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.36	1.95

FILE 'REGISTRY' ENTERED AT 19:10:58 ON 25 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 OCT 2008 HIGHEST RN 1065816-63-8
DICTIONARY FILE UPDATES: 24 OCT 2008 HIGHEST RN 1065816-63-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and

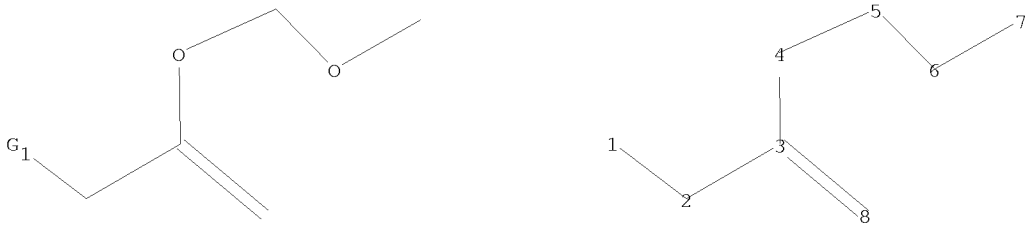
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP\SCRIPTS\10567150.str



chain nodes :
1 2 3 4 5 6 7 8
chain bonds :
1-2 2-3 3-4 3-8 4-5 5-6 6-7
exact/norm bonds :
1-2 3-4 4-5 5-6 6-7
exact bonds :
2-3 3-8

G1:Br,F,I

Hydrogen count :
2:= exact 2 5:= exact 2 8:= exact 2
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L4 STRUCTURE UPLOADED

=> que L4

L5 QUE L4

=> s l5
SAMPLE SEARCH INITIATED 19:11:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 330 TO ITERATE

100.0% PROCESSED 330 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5511 TO 7689
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L4

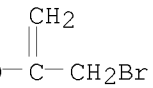
=> s l5 ful
FULL SEARCH INITIATED 19:11:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6502 TO ITERATE

100.0% PROCESSED 6502 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L7 3 SEA SSS FUL L4

=> d scan

L7 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1-Propene, 3-bromo-2-(methoxymethoxy)-
MF C5 H9 Br O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 19:05:24 ON 25 OCT 2008)

FILE 'REGISTRY' ENTERED AT 19:05:35 ON 25 OCT 2008
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 4 S L2

FILE 'STNGUIDE' ENTERED AT 19:07:40 ON 25 OCT 2008

FILE 'REGISTRY' ENTERED AT 19:10:58 ON 25 OCT 2008
L4 STRUCTURE UPLOADED
L5 QUE L4
L6 0 S L5
L7 3 S L5 FUL

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 179.28 181.23

FILE 'CAPLUS' ENTERED AT 19:12:35 ON 25 OCT 2008
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FILE COVERS 1907 - 25 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 24 Oct 2008 (20081024/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

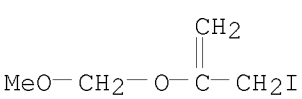
Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l7
L8 16 L7

=> d 1-16 bib fhitstr

L8 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:862443 CAPLUS
DN 147:427187
TI Benzopyrans as selective estrogen receptor β agonists (SERBAs). Part 3: Synthesis of cyclopentanone and cyclohexanone intermediates for C-ring modification
AU Richardson, Timothy I.; Dodge, Jeffrey A.; Durst, Gregory L.; Pfeifer, Lance A.; Shah, Jikesh; Wang, Yong; Durbin, Jim D.; Krishnan, Venkatesh; Norman, Bryan H.
CS Lilly Research Laboratories, Lilly Corporate Center, Eli Lilly and Company, Indianapolis, IN, 46285, USA
SO Bioorganic & Medicinal Chemistry Letters (2007), 17(17), 4824-4828
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Ltd.
DT Journal
LA English
OS CASREACT 147:427187
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of cyclopentane- and cyclohexanone-fused benzopyrans as selective estrogen receptor β agonists)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



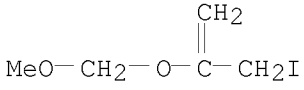
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:927190 CAPLUS

DN 141:395410
TI Preparation of substituted benzopyrans as selective estrogen receptor-beta agonists
IN Durst, Gregory Lee; Norman, Bryan Hurst; Pfeifer, Lance Allen; Richardson, Timothy Ivo
PA Eli Lilly and Company, USA
SO PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

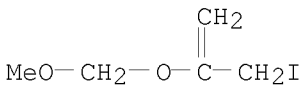
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004094400	A2	20041104	WO 2004-US9272	20040408
	WO 2004094400	A3	20050224		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004232798	A1	20041104	AU 2004-232798	20040408
	CA 2518819	A1	20041104	CA 2004-2518819	20040408
	EP 1626974	A2	20060222	EP 2004-759767	20040408
	EP 1626974	B1	20080827		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	BR 2004009588	A	20060418	BR 2004-9588	20040408
	CN 1777614	A	20060524	CN 2004-80010817	20040408
	CN 100374444	C	20080312		
	JP 2006524240	T	20061026	JP 2006-509332	20040408
	AT 406373	T	20080915	AT 2004-759767	20040408
	US 20070106082	A1	20070510	US 2005-552504	20051006
	MX 2005PA11243	A	20051215	MX 2005-PA11243	20051019
	IN 2005KN02325	A	20070727	IN 2005-KN2325	20051121
PRAI	US 2003-464404P	P	20030421		
	WO 2004-US9272	W	20040408		

OS MARPAT 141:395410
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of cyclopenta[c]chromenols as selective estrogen receptor-beta agonists)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



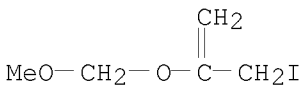
L8 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:563851 CAPLUS
DN 141:260417

TI Synthesis and biological evaluation of new cross-conjugated dienone marine prostanoid analogues
AU Kuhn, Cyrille; Roulland, Emmanuel; Madelmont, Jean-Claude; Monneret, Claude; Florent, Jean-Claude
CS Laboratoire de Pharmacochimie, Institut Curi, Paris, 75248, Fr.
SO Organic & Biomolecular Chemistry (2004), 2(14), 2028-2039
CODEN: OBCRAK; ISSN: 1477-0520
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 141:260417
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of cross-conjugated dienone prostanoid analogs, their cytotoxicity against B16 melanoma cells, and structure-activity relationship)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



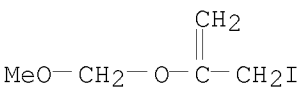
RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:15215 CAPLUS
DN 140:199170
TI A unified approach to the enantioselective synthesis of 2,6-cis- and trans-disubstituted tetrahydropyranones
AU Crimmins, Michael T.; Diaz, Caroline J.; Emmitte, Kyle A.
CS Department of Chemistry, CB 3290, University of North Carolina at Chapel Hill, Chapel Hill, NC, 27599-3290, USA
SO Heterocycles (2004), 62, 179-183
CODEN: HTCYAM; ISSN: 0385-5414
PB Japan Institute of Heterocyclic Chemistry
DT Journal
LA English
OS CASREACT 140:199170
IT 108270-19-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(stereoselective preparation of tetrahydropyranones via asym. allylation of chiral alkenyloxyacetyloxazolidinones with (methoxymethoxy)allyl iodide followed by ring-closing metathesis, reduction, and hydrolysis)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



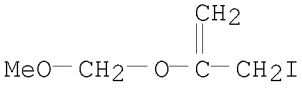
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:583960 CAPLUS
DN 139:261062
TI Domino aza-claisen/mannich cyclization reaction from a chiral α-alkoxy enamine or sequential alkylation of an α-alkoxy ester enolate or nitrile anion, followed by an intramolecular wittig reaction: Two (3+2) annulation routes to homochiral 4-alkyl-4-hydroxy-2-cyclopentenone synthesis
AU Kuhn, Cyrille; Skaltsounis, Leandros; Monneret, Claude; Florent, Jean-Claude
CS UMR 176 CNRS-Institut Curie, Section de Recherche, Paris, 75248/05, Fr.
SO European Journal of Organic Chemistry (2003), (14), 2585-2595
CODEN: EJOCFK; ISSN: 1434-193X
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
OS CASREACT 139:261062
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(two (3+2) annulation routes to homochiral 4-alkyl-4-hydroxy-2-cyclopentenone synthesis)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



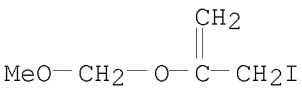
RE.CNT 85 THERE ARE 85 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:19731 CAPLUS
DN 136:232420
TI Total Synthesis of (±)-Fasicularin via a 2-Amidoacrolein Cycloaddition
AU Maeng, Jun-Ho; Funk, Raymond L.
CS Department of Chemistry, Pennsylvania State University, University Park, PA, 16802, USA
SO Organic Letters (2002), 4(3), 331-333
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
OS CASREACT 136:232420
IT 108270-19-5, 3-Iodo-2-(methoxymethoxy)-1-propene
RL: RCT (Reactant); RACT (Reactant or reagent)
(total synthesis of (±)-fasicularine via Diels-Alder of amidoacrolein derivative, hydrolysis-cyclocondensation, and aldol reactions)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



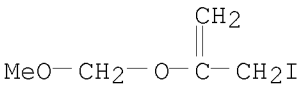
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:355711 CAPLUS
DN 129:122470
OREF 129:25097a,25100a
TI A carbohydrate approach to 4-hydroxy-2-cyclopentenone moiety of antitumor prostanoid punaglandin IV via alkylation of ester uronate
AU Kuhn, Cyrille; Florent, Jean-Claude
CS Unite Mixte Recherche, Inst. Curie-CNRS, Paris, 75248, Fr.
SO Tetrahedron Letters (1998), 39(24), 4247-4250
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 129:122470
IT 108270-19-5P, 3-Iodo-2-(methoxymethoxy)-1-propene
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(carbohydrate approach to the hydroxycyclopentenone moiety of punaglandin IV via alkylation of an ester uronate)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



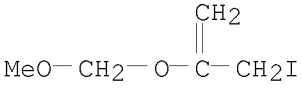
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:282958 CAPLUS
DN 129:15733
OREF 129:3383a,3384a
TI A Facile, General Approach to the Synthesis of Electrophilic Acetone Equivalents
AU Janicki, Slawomir Z.; Fairgrieve, Jennifer M.; Petillo, Peter A.
CS Roger Adams Laboratory Department of Chemistry, University of Illinois, Urbana, IL, 61801, USA
SO Journal of Organic Chemistry (1998), 63(11), 3694-3700
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 129:15733
IT 108270-19-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of electrophilic acetone equivalent)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)

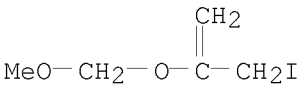


RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

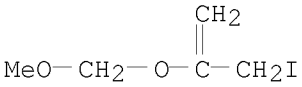
L8 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:550014 CAPLUS
DN 123:285310
OREF 123:51130h,51131a
TI Synthesis of chiral 4-alkyl 4-hydroxy cyclopenenones via a diastereoselective tandem aza-Cope/Mannich cyclization reaction from aldehydrosugar
AU Kuhn, C.; Le Gouadec, G.; Skaltsounis, A. L.; Florent, J.-C.
CS Lab. Chim., Inst. Curie, Paris, 75231, Fr.
SO Tetrahedron Letters (1995), 36(18), 3137-40
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
OS CASREACT 123:285310
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of chiral alkylhydroxycyclopenenones)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



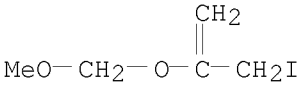
L8 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1994:77556 CAPLUS
DN 120:77556
OREF 120:13969a,13972a
TI Anthracyclinones. IX. Enantioselective synthesis of 9-alkylanthracyclinone via highly diastereocontrolled alkylation of 4-cyanofurano sugars
AU Cousson, Alain; Le Gouadec, Gwenola; Monneret, Claude; Florent, Jean Claude
CS Sect. Phys. Chim., Inst. Curie, Paris, F-75231, Fr.
SO Journal of the Chemical Society, Chemical Communications (1993), (4), 388-90
CODEN: JCCCAT; ISSN: 0022-4936
DT Journal
LA English
OS CASREACT 120:77556
IT 108270-19-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(stereoselective alkylation by, of cyano sugar)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



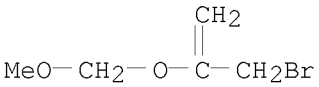
L8 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1990:611525 CAPLUS
DN 113:211525
OREF 113:35731a,35734a
TI A new preparation of highly functionalized aromatic and heteroaromatic zinc and copper organometallics
AU Majid, Tahir N.; Knochel, Paul
CS Dep. Chem., Univ. Michigan, Ann Arbor, MI, 48109, USA
SO Tetrahedron Letters (1990), 31(31), 4413-16
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 113:211525
IT 108270-19-5, 1-(Methoxymethoxy)-1-(iodomethyl)ethene
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with cyano(iodozinc)phenylcopper or (iodozinc)octenylcopper)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



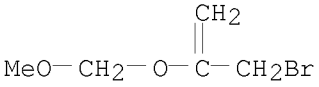
L8 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1990:216276 CAPLUS
DN 112:216276
OREF 112:36497a,36500a
TI A facile synthesis of 2-acetonylcycloalkanones by using 2-(halomethyl)-3,5-dioxahex-1-ene
AU Gu, Xue Ping; Kirito, Yoichi; Ikeda, Isao; Okahara, Mitsuo
CS Fac. Eng., Osaka Univ., Suita, 565, Japan
SO Journal of Organic Chemistry (1990), 55(10), 3390-3
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 112:216276
IT 108270-19-5, 2-(Iodomethyl)-3,5-dioxahex-1-ene
RL: RCT (Reactant); RACT (Reactant or reagent)
(acetonylation with, of cyclopentanone)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)



L8 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1990:198032 CAPLUS
DN 112:198032
OREF 112:33473a,33476a
TI Mixed copper, zinc 2-amino benzylic organometallics as efficient reagents for the synthesis of heterocycles
AU Chen, Huai Gu; Hoechstetter, Craig; Knochel, Paul
CS Dep. Chem., Univ. Michigan, Ann Arbor, MI, 48109, USA
SO Tetrahedron Letters (1989), 30(36), 4795-8
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 112:198032
IT 122024-45-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(substitution reaction of, with aminobenzoic copper, zinc bromides)
RN 122024-45-7 CAPLUS
CN 1-Propene, 3-bromo-2-(methoxymethoxy)- (CA INDEX NAME)



L8 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1989:631434 CAPLUS
DN 111:231434
OREF 111:38449a,38452a
TI Preparation and reactivity of mixed benzylic 1,1-dimetalloalkanes
AU Knochel, Paul; Yeh, Ming Chang P.; Xiao, Chaodong
CS Dep. Chem., Univ. Michigan, Ann Arbor, MI, 48109, USA
SO Organometallics (1989), 8(12), 2831-5
CODEN: ORGND7; ISSN: 0276-7333
DT Journal
LA English
OS CASREACT 111:231434
IT 122024-45-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion to zinc complex)
RN 122024-45-7 CAPLUS
CN 1-Propene, 3-bromo-2-(methoxymethoxy)- (CA INDEX NAME)



L8 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1989:477498 CAPLUS
DN 111:77498
OREF 111:13051a,13054a
TI Preparation of 2-halomethyl-3,5-dioxaalkenes and their use in acetonylation of active hydrogen compounds
IN Okahara, Mitsuo; Ikeda, Isao; Masuyama, Yoshiki; Ku, Satohira; Komada, Satoru
PA Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 64003142	A	19890106	JP 1987-156968	19870624
PRAI JP 1987-156968		19870624		

OS MARPAT 111:77498
IT 108270-19-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as acetonylation agent for active hydrogen compds.)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)

L8 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1987:477001 CAPLUS
DN 107:77001
OREF 107:12661a,12664a
TI 2-(Chloromethyl)-3,5-dioxahex-1-ene. An effective acetonylating reagent
AU Gu, Xue Ping; Nishida, Nobuyuki; Ikeda, Isao; Okahara, Mitsuo
CS Fac. Eng., Osaka Univ., Suita, 565, Japan
SO Journal of Organic Chemistry (1987), 52(15), 3192-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 107:77001
IT 108270-19-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 108270-19-5 CAPLUS
CN 1-Propene, 3-iodo-2-(methoxymethoxy)- (CA INDEX NAME)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	61.44	242.67

FILE 'STNGUIDE' ENTERED AT 19:14:32 ON 25 OCT 2008
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 24, 2008 (20081024/UP).

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=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.24     242.91

FILE 'REGISTRY' ENTERED AT 19:17:10 ON 25 OCT 2008
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STRUCTURE FILE UPDATES:   24 OCT 2008  HIGHEST RN 1065816-63-8
DICTIONARY FILE UPDATES:  24 OCT 2008  HIGHEST RN 1065816-63-8

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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http://www.cas.org/support/stngen/stndoc/properties.html

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ENTER SCREEN EXPRESSION OR (END):end


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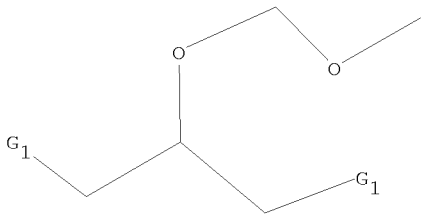

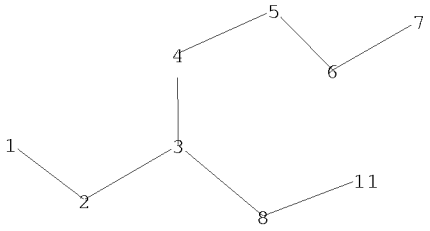


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chain bonds :
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exact/norm bonds :
1-2  3-4  4-5  5-6  6-7  8-11
exact bonds :
2-3  3-8


G1:Br,F,I
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Hydrogen count :
2:= exact 2 5:= exact 2 8:= exact 2
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS

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=> que L9

L10 QUE L9

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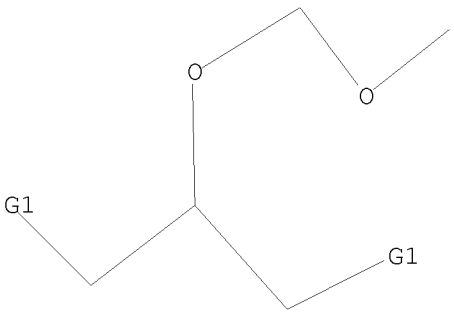
L9 STR



G1 Br,F,I

Structure attributes must be viewed using STN Express query preparation.
L10 QUE L9

=> s l10
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SAMPLE SCREEN SEARCH COMPLETED - 330 TO ITERATE

100.0% PROCESSED 330 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 5511 TO 7689
PROJECTED ANSWERS: 0 TO 0

L11 0 SEA SSS SAM L9

=> s l10 ful
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FULL SCREEN SEARCH COMPLETED - 6502 TO ITERATE

100.0% PROCESSED 6502 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L12 4 SEA SSS FUL L9

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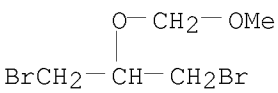
L12 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propane, 1,3-dibromo-2-(methoxymethoxy)-
MF C5 H10 Br2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 178.36 421.27

FILE 'CAPLUS' ENTERED AT 19:17:58 ON 25 OCT 2008
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FILE COVERS 1907 - 25 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 24 Oct 2008 (20081024/ED)

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http://www.cas.org/legal/infopolicy.html

=> d his

(FILE 'HOME' ENTERED AT 19:05:24 ON 25 OCT 2008)

FILE 'REGISTRY' ENTERED AT 19:05:35 ON 25 OCT 2008
L1 STRUCTURE UPLOADED
L2 QUE L1
L3 4 S L2

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     FILE 'REGISTRY' ENTERED AT 19:10:58 ON 25 OCT 2008
L4             STRUCTURE UPLOADED
L5             QUE L4
L6           0 S L5
L7           3 S L5 FUL

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L8          16 S L7

     FILE 'STNGUIDE' ENTERED AT 19:14:32 ON 25 OCT 2008

     FILE 'REGISTRY' ENTERED AT 19:17:10 ON 25 OCT 2008
L9             STRUCTURE UPLOADED
L10            QUE L9
L11          0 S L10
L12          4 S L10 FUL

     FILE 'CAPLUS' ENTERED AT 19:17:58 ON 25 OCT 2008

=> s l12
L13          4 L12

=> d 1-4 bib fhitstr

L13  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2007:1061427  CAPLUS
DN   147:385997
TI   Preparation of triazole derivatives as 11β-hydroxysteroid
     dehydrogenase type 1 inhibitors for treatment of diabetes and insulin
     resistance
IN   Yoshimura, Seiji; Shiraki, Ryota; Kawano, Tomoaki; Sasuga, Daisuke;
     Hosaka, Mitsuru; Fukudome, Hiroki; Kurosawa, Kazuo; Ishii, Hirofumi;
     Koike, Takanori
PA   Astellas Pharma Inc., Japan
SO   PCT Int. Appl., 136pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
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PI   WO 2007105753        A1    20070920    WO 2007-JP55048         20070314
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             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
             KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN,
             MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
             RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
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             BY, KG, KZ, MD, RU, TJ, TM
     AU 2007225680        A1    20070920    AU 2007-225680          20070314
PRAI JP 2006-72146        A     20060316
     WO 2007-JP55048      W     20070314
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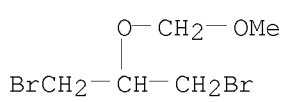
OS MARPAT 147:385997
IT 880165-64-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triazole derivs. as 11β-hydroxysteroid dehydrogenase type 1 inhibitors for treatment of diabetes and insulin resistance)
RN 880165-64-0 CAPLUS
CN Propane, 1,3-dibromo-2-(methoxymethoxy)- (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:269445 CAPLUS
DN 144:331442
TI Preparation of triazole derivatives as 11β-hydroxysteroid dehydrogenase inhibitors
IN Murakami, Takeshi; Kawano, Tomoaki; Shiraki, Ryota; Ishii, Hirofumi; Yoshimura, Seiji; Ohkawa, Takehiko; Hosaka, Mitsuru; Fukudome, Hiroki; Inoki, Yutaka
PA Astellas Pharma Inc., Japan
SO PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006030805	A1	20060323	WO 2005-JP16896	20050914
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	EP 1790641	A1	20070530	EP 2005-783391	20050914
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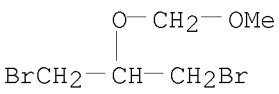
	CN 101014578	A	20070808	CN 2005-80030457	20050914
	IN 2007DN02017	A	20070803	IN 2007-DN2017	20070315
	MX 200703161	A	20070516	MX 2007-3161	20070316
	US 20070259854	A1	20071108	US 2007-663089	20070316
	KR 2007058613	A	20070608	KR 2007-708448	20070413
PRAI	JP 2004-269390	A	20040916		
	WO 2005-JP16896	W	20050914		

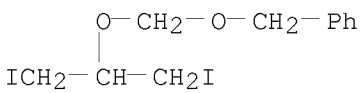
OS MARPAT 144:331442
IT 880165-64-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triazole derivs. as 11β-hydroxysteroid dehydrogenase inhibitors for treatment of diabetes and insulin resistance)
RN 880165-64-0 CAPLUS
CN Propane, 1,3-dibromo-2-(methoxymethoxy)- (CA INDEX NAME)



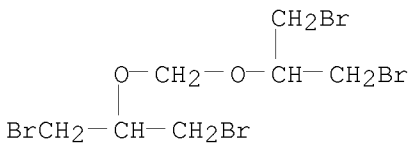
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1992:213960 CAPLUS
DN 116:213960
OREF 116:36241a,36244a
TI Enantiotopic group differentiation and kinetic resolution: asymmetric reduction of meso-1,3-dihalides
AU Chong, J. Michael; Sokoll, Kenneth K.
CS Guelph-Waterloo Cent. Grad. Work Chem., Univ. Waterloo, Waterloo, ON, N2L 3G1, Can.
SO Tetrahedron Letters (1992), 33(7), 879-82
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 116:213960
IT 140886-02-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reduction of, enantiotopic group differentiation and kinetic
resolution in)
RN 140886-02-8 CAPLUS
CN Benzene, [[[2-iodo-1-(iodomethyl)ethoxy]methoxy]methyl]- (CA INDEX NAME)



L13 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1931:26973 CAPLUS
DN 25:26973
OREF 25:2978i,2979a-i
TI Syntheses in the cyclobutanol series
AU Blanchard, L.
SO Bulletin de la Societe Chimique de France (1931), 49, 279-309
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA Unavailable
IT 856202-70-5P, Methane, bis(β,β'-dibromoisopropoxy)-
RL: PREP (Preparation)
(preparation of)
RN 856202-70-5 CAPLUS

CN Methane, bis(β,β'-dibromoisopropoxy)- (3CI) (CA INDEX NAME)



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AB cf. C. A. 21, 3888. The ethers of the dihalohydrins, XCH2CH(OR)CH2X, on condensation with NaHC(CO2Et)2 gave XCH2CH(OR)CH2CH(CO2Et)2 which was saponified to XCH2CH(OR)CH2CH(CO2H)2. Traube and Lehmann (Ber. 34, 1977(1901)) have shown that the acidification of the condensation product of CICH2CH. CH2.O with NaHC(CO2Et)2 gives a lactone, CICH2.CH2.CH(CO2Et).CO.O. Compds. of the type CH2.CH2.CH2.C(CO2Et)2 formed by malonic ester condensation with Cl(CH2)3Br or Br(CH2)3Br are well known. By the use of XCH2CH(OR)CH2X, it would be possible to evade lactonization and so to prepare ROCH.CH2.CH2C(CO2Et)2 from which HOCH.CH2.CH2C(CO2H)2 (I) might be prepared The removal of the R group of the ether might destroy the cyclobutane ring, though this difficulty would be avoided by synthesis of the corresponding formal, ROCH2CCH.CH2.CH2(CO2Et)2 which could be hydrolyzed by hot H2O to I. Furthermore, the preparation of the formals ROCH2OCH(CH2X)2, is more convenient than that of the dihalohydrin ethers. Formals. 1. Mixed formals. The addition of XCH2OR to ROCH.CH2.CH2.O always yields mixed formals of the type ROCH2CH(OCH2OR)CH2X. By the addition of MeOCH2Cl, EtOCH2Cl and AmOCH2Cl to epichlorohydrin the following mixed formals were formed; Me 1,3-dichloroisopropyl, MeOCH2OCH(CH2Cl)2, b11, 80-1°, d18 1.237, n 1.45412, M. R. 37.88, calculated 38.31; Et 1,3-dichloroisopropyl, b12 90-1°, d17 1.182, n 1.44912, M. R. 42.44, catcd. 42.93; Am 1,3-dichloroisopropyl, AmOCH2OCH(CH2Cl)2, b19 133-5°, d18 1.09, n 1.4506, M. R. 56.55, calculated 56.36. On addition of EtOCH2Br, AmOCH2Br and EtOCH2I, to epichlorohydrin, chlorobromo and chloroiodo formals were produced; Et 1,3-chlorobromoisopropyl, b20 110-2°, d22 1.409, n 1.46954, M. R. 45.81, calculated 45.82; Am 1,3-chlorobromoisopropyl, b20 142-4°, d13, 1.277, n 1.46856, M. R. 59.52, calculated 59.68; Et 1,3-chloroiodoisopropyl, EtOCH2OCH(CH2Cl)CH2I, b18 124-5° d18 1.6528, n 1.50882, M. R. 50.28, calculated 50.86. MeOCH2Cl added to AmOCH2CH.CH2.O yielded Me 1,3-chloroamyloxyisopropyl formal, MeOCH2OCH(CH2Cl)CH2OAm, b12 118°, d15 1.01, n 1.43587, M. R. 58.10, calculated 58.17. 2. Symmetrical formals. A mixture of dichlorohydrin and its ClCH2 ether reacts slowly at room temperature, evolving HCl with formation of a sym. formal. The elimination of HCl is favored by the presence of Mg(OH)2. Dichlorohydrin formal, CH2[OCH(CH2Cl)2]2, m. 51°; chlorobromohydrin formal, m. 54-5°; chloroiodohydrin formal. m. 60°; dibromohydrin formal, m. 68-9°. The condensation of ClCH2CH(OMe)CH2Br with NaHC(CO2Et)2 formed di-Et 1-chloro-2-methoxybutane-4,4-dicarboxylate, b13 157°, d13 1.135, n 1.44682, M. R. 63.11, calculated 62.75. The saponification of this ester gave an acid that was very difficult to isolate in a pure state. The condensation of BrCH2CH(OAm)CH2Br with Na2C(CO2Et)2 was carried out in 2 stages and gave di-Et amyloxycyclobutanedicarboxylate (II), b12 175°, d15 1.011, n 1.4436, M. R. 75, calculated 74.22. By digesting with 30% KOH for 5 hrs., the

free acid (III) was prepared, which in turn was converted into its Cu salt; diacid chloride, b15 143-5°, diamide, m. 177.5°, amyloxycyclobutanebarbituric acid, m. 222-3°, dianilide, m. 175°. By heating to 120°, III gave off CO2 and formed amyloxycyclobutanecarboxylic acid, AmOCH.CH2.CH2.CHCO2H, b10 164-6°, d. 1.003, n 1.45412, M. R. 50.21, calculated 49.36; amide, In. 131-2°. AmOCH2OCH.CH2.CH2.C(CO2Et)2, prepared similarly to II, was saponified to the diacid by the use of gaseous HCl at low temps. to prevent the hydrolysis of the formal group. By boiling the diacid with water for 5 hrs., cleavage into the diacid alc., HOCH.CH2.CH2.C(CO2H)2, m. 125°, and the formal, CH2(OAm)2, d15, 0.843, took place. I and a similar MeO compound showed an exaltation of the M. R. and the paper is concluded by a discussion of the M. R. of cyclobutane compds.

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